

Headings and interface  
components change from  
industry-to-industry

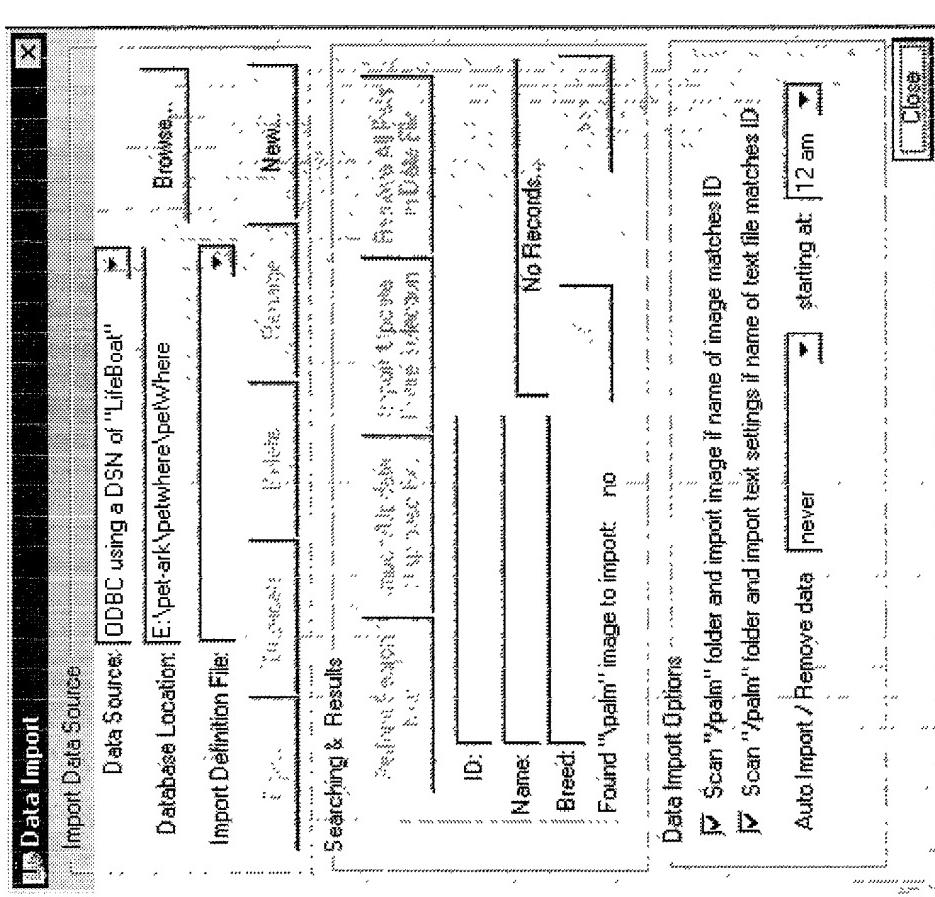
**Image preview / "Viewport"**

Detailed description: This is a screenshot of a Windows-based application window titled 'Workstation Database'. The main area contains a data entry form for a dog named 'Fido'. The form includes fields for Pet Type (Dog), Name (Fido), Primary Animal Alternative, Breed Name (Lab), Color, Cost (\$150), Eventual Sale (\$100), Age (3), Fee (\$50), Size (Large), Home Shelter (Pet Ark), and Status (Staged). Above the form is a large image preview of a dog. At the bottom of the window are several buttons: 'New Dog', 'Insert', 'Update', 'Delete', 'CleanUp', 'Search', and 'Close'.

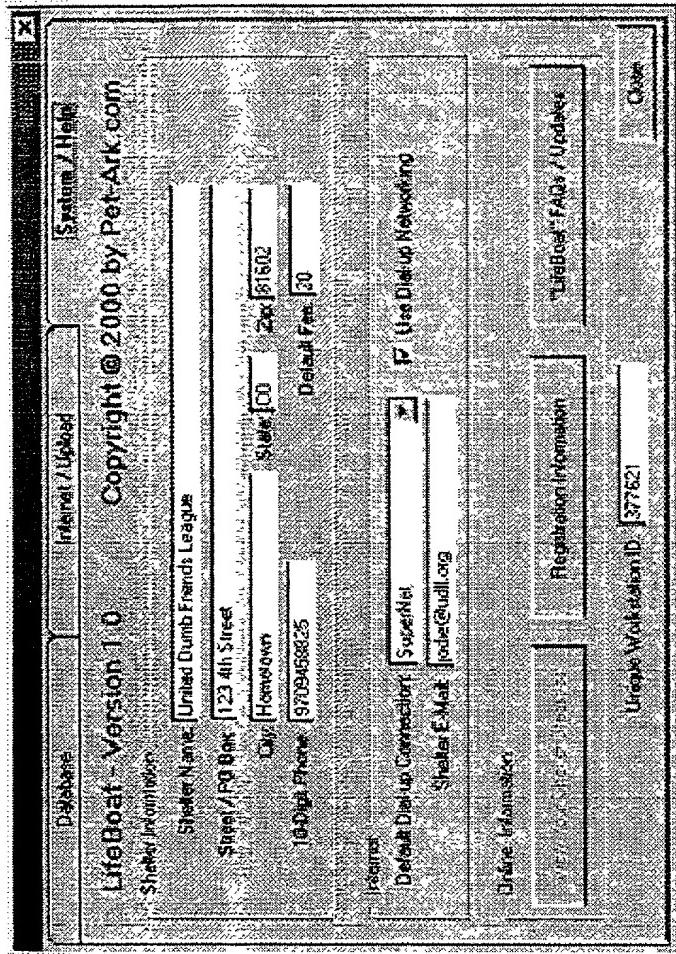
Field	Value
Pet Type	Dog
Name	Fido
Primary Animal Alternative	
Breed Name	Lab
Color	Black and white boxer patterned
Cost	\$150
Eventual Sale	\$100
Age	3
Fee	\$50
Size	Large
Home Shelter	Pet Ark
Status	Staged

**FIG. 1**  
Workstation database interface.  
Data components are industry-  
specific. The example here uses  
an Animal Rescue / Shelter as  
the industry case-in-point.

Optional "import" buttons

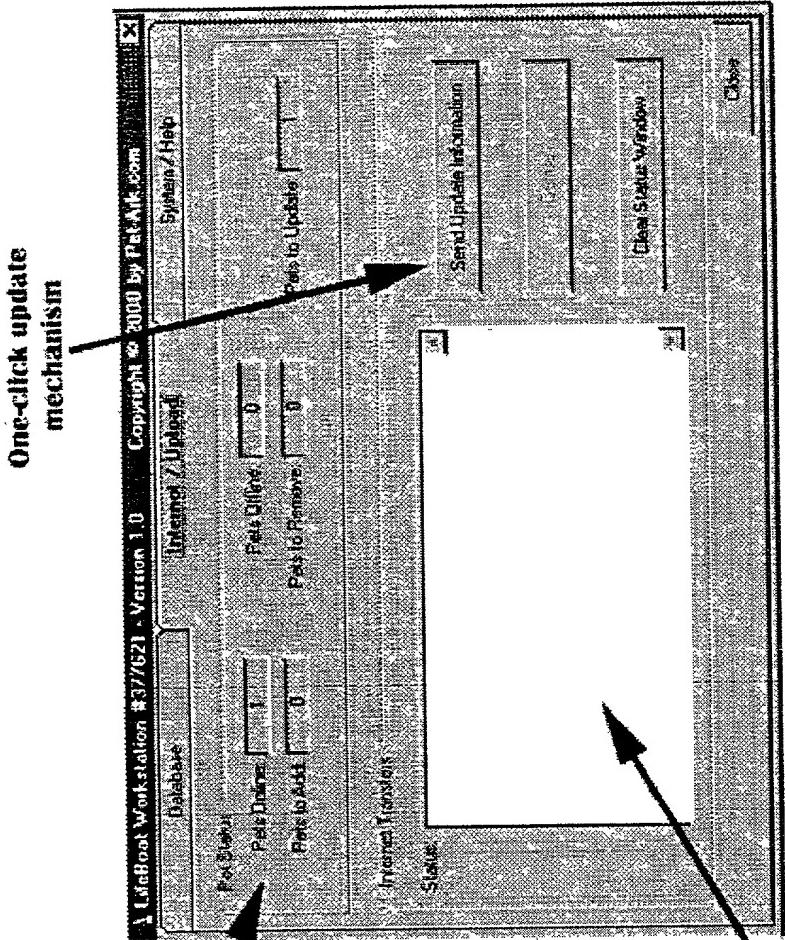
**FIG 1A.**

file:///E:/pet-ark/docs/patent/lifeboat/import.jpg



**FIG. 2**

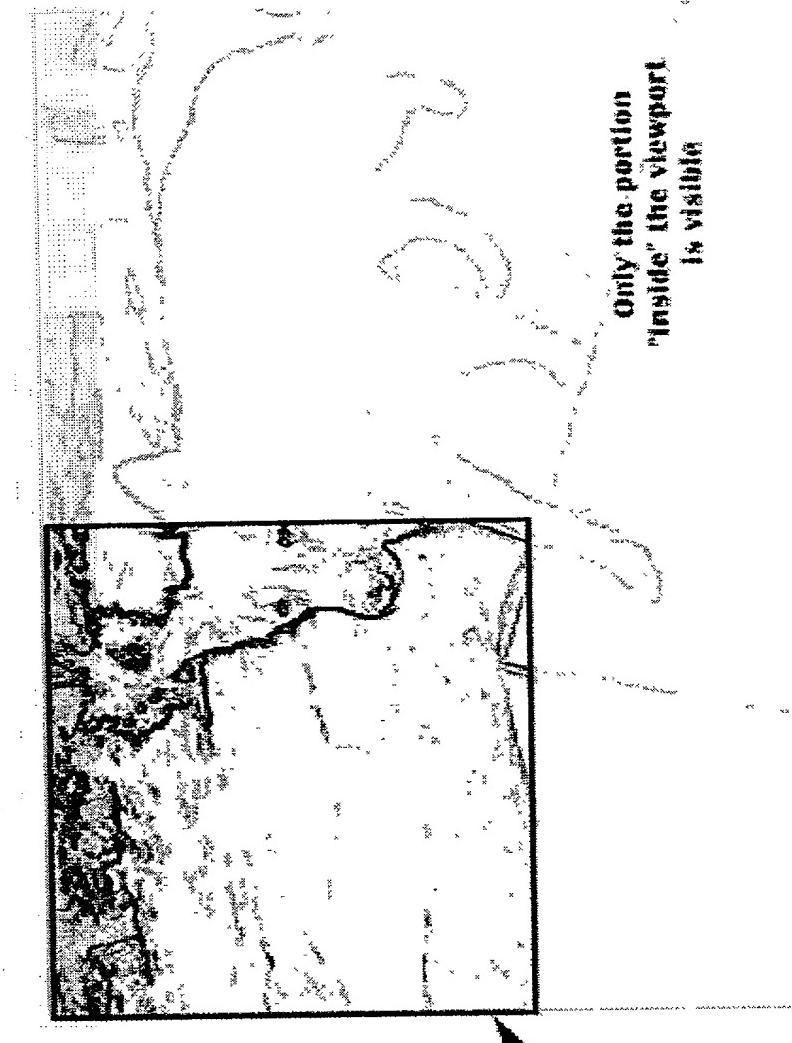
Unique workstation information  
that identifies the workstation to  
the online database.



**FIG. 3**

Online status of all items entered at the workstation and a "one-click" update mechanism.

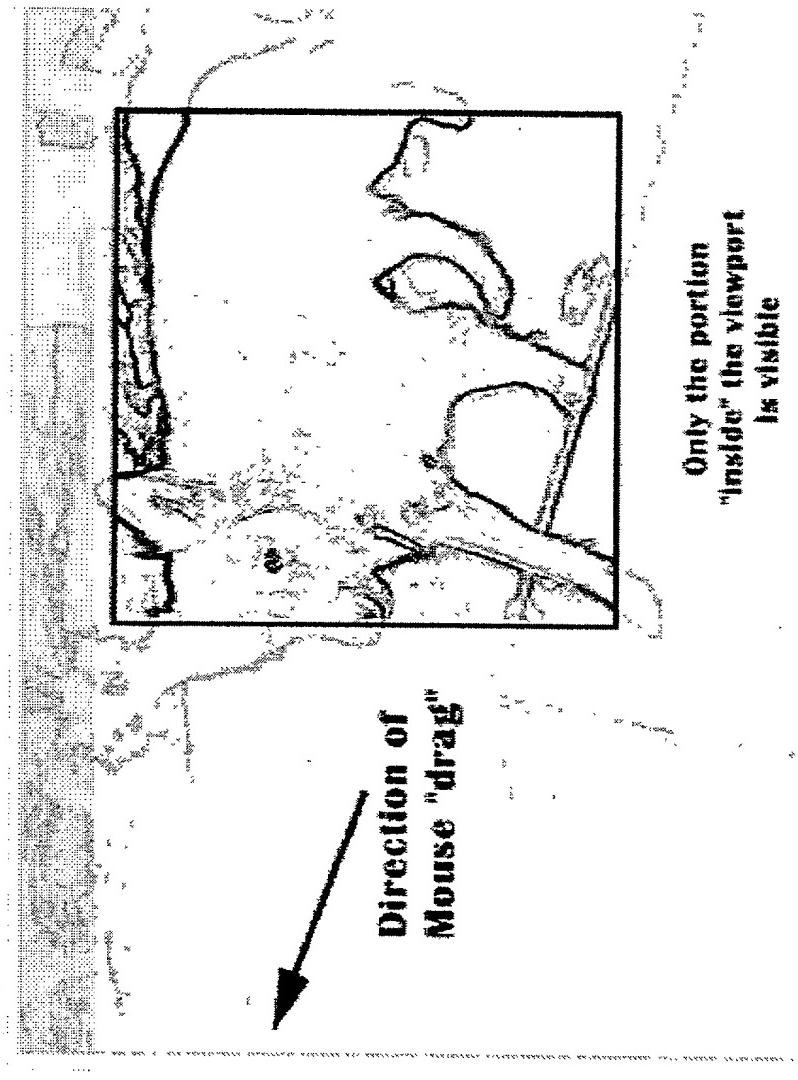
Internet session display gets updated during an online transfer of all "new" information to the online database



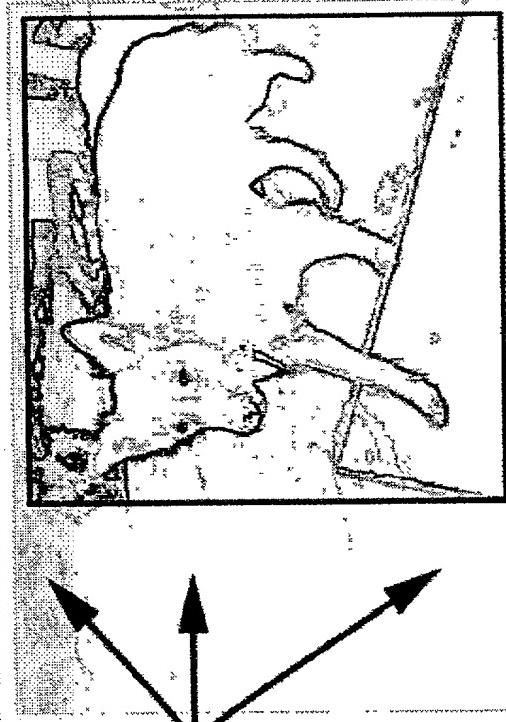
## FIG. 4

Shown here is the viewport along with the original digital image. Currently the subject is too big and not centered.

Only the portion  
"Inside" the viewport  
is visible



**FIG. 5**  
The image is dragged  
to quickly center the  
subject in the **viewport**.



## FIG. 6

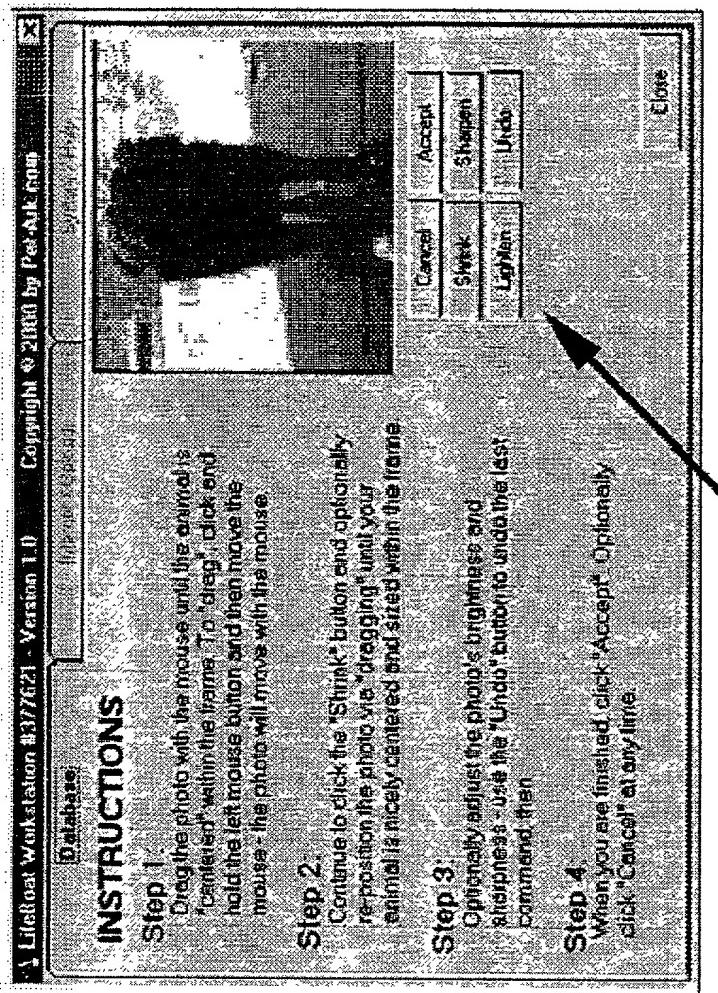
A few clicks of the "Shrink" button reduces the overall image, and hence the subject, to complete the centering.

One more click on the "Accept" button crops the image to the size of the viewport.

All non-visible areas of the image are discarded upon an "Accept"

Only the portion "inside" the viewport is visible

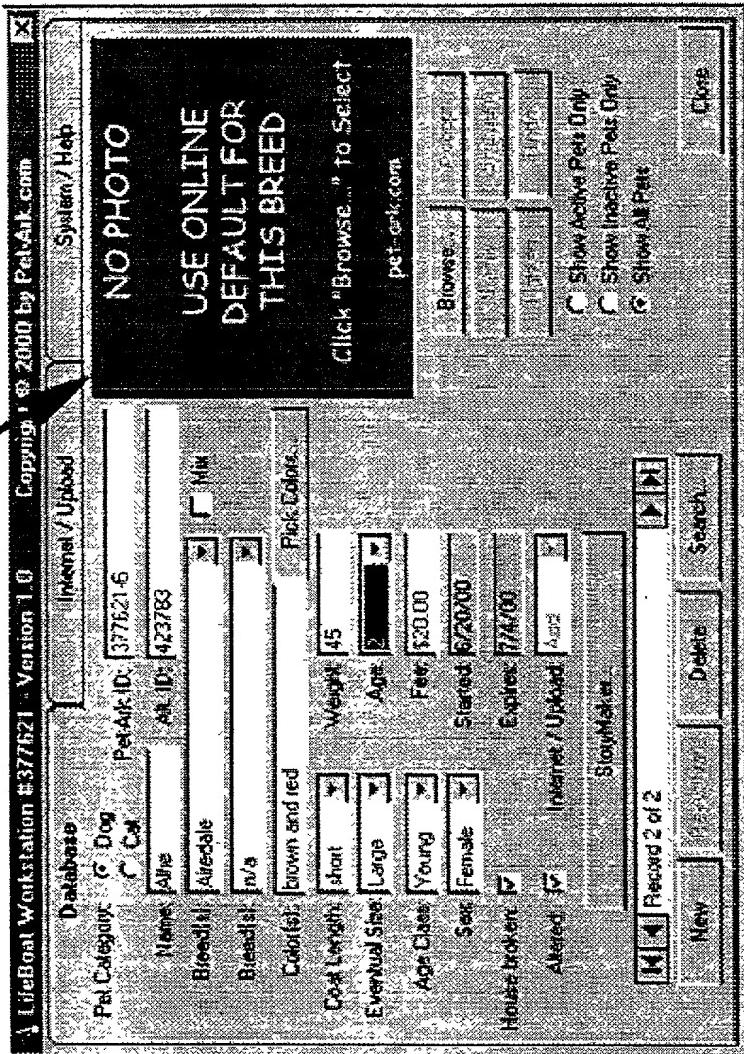
Overall image reduced in size after one or more "Shrink" button clicks



# FIG. 7

Optional digital image enhancements are performed via one-click buttons.

**Default image used  
for all new Inventory Items**



**FIG. 8**

New entries automatically use  
a "default image" until an actual  
image of the item is specified.

**Optional representation  
of the actual item**

LifeBoat Workstation #377621 - Version 1.0 Copyright © 2000 by Pet-Ark.com

Database		Internet / Upload	
Pet Category:	<input checked="" type="radio"/> Dog	Pet-Ark ID:	377621-6
Name:	Afie	Alt ID:	423783
Recorded:	<input type="checkbox"/>	Male:	<input type="checkbox"/>
Breed(s):	n/a	Edit Options	
Color:	brown and tan	Length:	<input type="checkbox"/>
Coat Length:	short	Weight:	45
Eventual Size:	Large	Age:	<input type="checkbox"/>
Age Class:	Young	Fees:	\$20.00
Sex:	<input checked="" type="radio"/> Female	Started:	6/24/00
Housebroken:	<input checked="" type="checkbox"/>	Entered:	6/24/00
Altered:	<input checked="" type="checkbox"/>	Internet / Upload:	<input type="checkbox"/>
SignMaster			
<input checked="" type="checkbox"/> Record 2 of 2 <input type="button" value="New"/> <input type="button" value="Edit Record"/> <input type="button" value="Delete"/> <input type="button" value="Search..."/>			
<input type="button" value="Close"/>			



**FIG. 9**

Optional default image could be a "representation" of the original item.

Select all options that apply to this pet. Click "Generate" to create the story based off your input. You may also click "Generate" here after filling in the form. Click "Submit" when through.

<input type="checkbox"/> Open shelter	<input type="checkbox"/> at the shelter
<input type="checkbox"/> Fenced yard	<input type="checkbox"/> indoor / outdoor
<input type="checkbox"/> Obedience: has some obedience training	<input type="checkbox"/> Sleeps: indoors
<input type="checkbox"/> Likes: [select All that apply]	<input type="checkbox"/> aggressive
<input type="checkbox"/> young kids	<input type="checkbox"/> playful
<input type="checkbox"/> older kids	<input type="checkbox"/> happy
<input type="checkbox"/> all kids	<input type="checkbox"/> sweet
<input type="checkbox"/> adults	<input type="checkbox"/> friendly
<input type="checkbox"/> dogs	<input type="checkbox"/> gentle
<input type="checkbox"/> cats	<input type="checkbox"/> energetic
<input type="checkbox"/> hotdog	<input type="checkbox"/> barky
	<input type="checkbox"/> dominant
	<input type="checkbox"/> likes to beg
	<input type="checkbox"/> moody
	<input type="checkbox"/> cheery & loud
	<input type="checkbox"/> respects people

Bondo is a 15 year old male Belgian Sheepdog mix with a long length black coat. This neutered dog is happy, energetic, and barky. He gets along great with adults only, other dogs, and cats. He is housebroken, and has some obedience training. Bondo is an indoor / outdoor animal that sleeps indoors, and he must have a fenced yard. He is currently living at the shelter due to an injury. If you would like more information on Bondo, call United Dumb Friends League at xxx xxx x or email xxx xxx x.

[Suggestion click "Generate" multiple times to mix it up a bit]

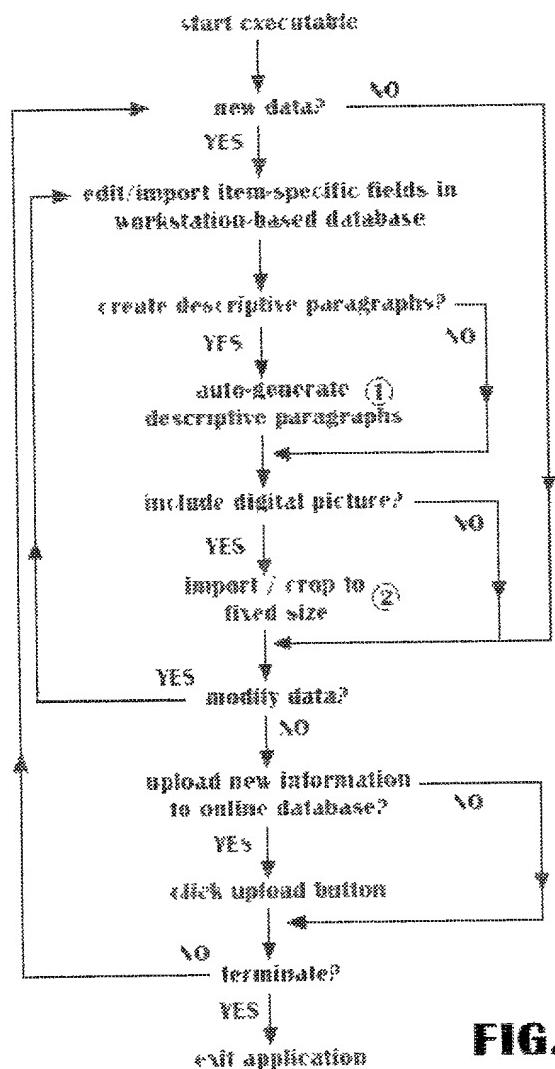
## FIG 10.

Automatic paragraph generation based on data entry and industry-specific interface options.

Options based off of industry-specific descriptors

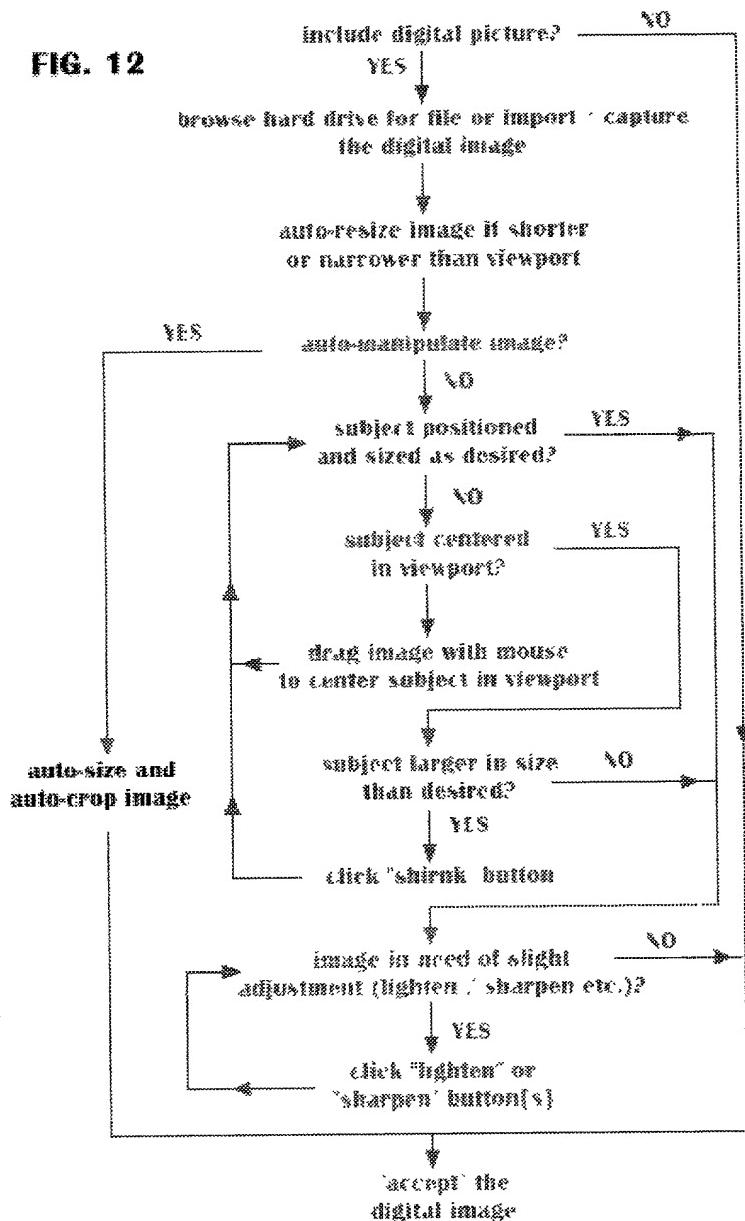
Automatic generation of paragraph(s) based on selections above and data entry components (FIG 1).

## Overview: Computer Software System and Method to Expedite Data Entry for Databases

**FIG. 11**

1: Refer to FIG 1.3  
2: Refer to FIG 1.2

## Digital Image Optimization for Database Presentation

**FIG. 12**

## Automatic Descriptive Paragraph Generation

